HANNSpree

HANNspree

106,7 cm (42.02”)
Liquid Crystal Display Television
Flüssigkristallbildschirm
Téléviseur à Écran à Cristaux Liquides
TV de Pantalla de Cristal Líquido
TV LCD
TV Ecrã de Cristais Líquidos
ЖКД ТВ
LCD-tv
Telewizor ciekłokrystaliczny
LCD TV
LCD TV
LCD TV
LCD TV
Folyadékkristályos TV
РК-телевізор
Televizoru LDC
LCD телевизор
TV cu LCD
LCD TV
Televizora s ekranom od tekućih kristala

S_ST428MNW_UM_EU_V02_H
1506-0EQE000

User’s Manual

HANNSPREE, INC.
www.hannspree.com

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English

English

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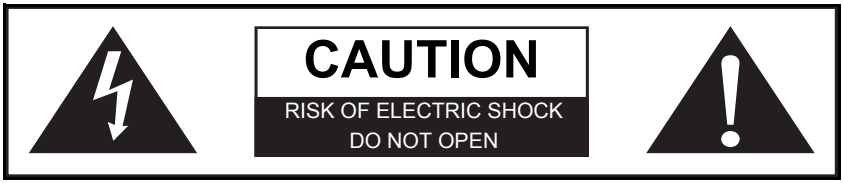
Regulatory Information

CE Conformity Statement

This device is in conformity with the requirements of EU Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility and Directive 2006/95/EC on the harmonization of the laws of Member States relating to electrical equipment for use within certain voltage limits. Hannspree cannot accept responsibility for any failure to satisfy the requirements resulting from a non-recommended modification of the device.

Description of Warning Symbols



WARNING

This symbol is used to alert users to pay attention to important descriptions regarding usage, maintenance (repair), and additional important information related to this TV.

CAUTION

This symbol is used to alert users to the risk of electric shocks due to dangerous and uninsulated components.

Safety Notices

Installation Safety Notes

Location

Avoid allowing the TV to get prolonged exposure to sunlight or other strong sources of heat. Leave sufficient distance between the TV and the wall to provide enough space for the emission of heat.

WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

CAUTION

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

WARNING

To prevent the spread of fire, keep candles or other open flames away from this product at all times.

Notes:

- **The LCD TV is for entertainment use only and visual display tasks are excluded.**
- **This device uses a VGA connector to connect to a PC. To reduce the influence of main frequency on the source signal, use a VGA monitor cable with ferrite shield.**

Personal Safety

1. To avoid overloading the power supply, never plug too many electrical devices into an outlet, power strip, or extension cable.
2. Dangerous high-voltage electric power components are located inside the TV. To avoid electric shock, do not disassemble the casing.
3. Do not place or drop metals, small objects, or flammable materials into the vent of the TV.
4. If the TV is dropped, falls down, or is otherwise damaged, unplug the power cord immediately and contact an authorized service technician.
5. If any fluid is sprayed or dropped into the TV, contact an authorized service technician.
6. The screen of the TV is made of glass. Avoid hitting or scraping it. If the screen is broken, do not touch the broken glass.
7. Do not allow children to use the TV unattended.
8. Be careful when disconnecting the power plug. Hold the plug. Do not attempt to disconnect the plug by pulling on the power cord.

Installation

1. Do not place the TV in locations where there is excessive steam or dust.
2. Avoid blocking the TV's vents, do not place the TV on a bed, sofa, carpet, or in a sealed cabinet.
3. Install the outdoor antenna away from power transmission lines to avoid possible danger.

Preface

Thank you for purchasing a Hannspree Liquid Crystal Display Television (LCD TV). Your new TV will allow you to enjoy superior audio and video while enriching your lifestyle with advanced technology.

Please carefully read this manual in its entirety before setting up, using or operating your TV. To ensure the safe and correct installation and operations of the TV, it is important that the safety and operation instructions in this manual are followed.

This instruction manual is designed to assist you in setting up and using the TV. The information in this manual has been carefully checked for accuracy; however, no guarantee is given to the correctness of the contents. The information in this manual is subject to change without notice.

To the extent allowed by applicable law, Hannspree, Inc. (“Hannspree”) shall not be liable for direct, indirect, special, exemplary, incidental or consequential damages arising from any defect or omission in this manual, even if advised of the possibility of such damages in advance.

Warranty and Service

For complete warranty service information, please refer to the “Warranty Card” enclosed with your TV.

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License Notice and Trademark Acknowledgment

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English

1 Getting Started

1.1 Package Contents

Make sure the following components are included in the box. Please contact Hannspree Customer Service immediately if anything is missing or damaged.

- TV
- User's manual
- Quick start guide
- Warranty card
- Power cord
- Remote control and batteries
- TV cleaning cloth
- Rubber cover

ME61

According to WEEE regulation, this TV can't be handled as normal trash in Europe when it is out of usage. Please refer to the recycle information from our website to handle it.

1.2 Introducing the TV

You can watch SECAM/ PAL/ DVB-T broadcast, cable, or digital television channels, and easily connect a VCR, STB or DVD player to the SCART, HDTV (Component), AV(Composite), and HDMI input ports (locations of these ports depend on the model). You can also use the TV as a monitor for your PC by connecting it through the VGA port.

Convenient control buttons located on the TV and a handy remote control let you change channels, adjust the volume, and change display settings through an easy-to-use on-screen display menu system. The built-in stereo speakers provide full rich sound and a convenient audio output port lets you connect to an external audio system or earphones.

1.3 Features

- TV Tuner: Built-in TV Tuner
- Audio/ Video support:
  - SCART inputs
  - VGA (PC) input
  - HDMI inputs
  - HDTV (Component) input
  - R/L audio inputs
  - PC Audio In
  - 3.5 mm stereo earphone output
  - AV(Composite) input
  - S-Video
- On-Screen Display (OSD) menu
- Teletext (TV RF+SCART) 1.5v. with 1000 pages memory
- Built-in stereo speakers
- Image Enhancement Technology
  - 3:2/2:2 pull down
  - 3D Comb Filter
  - HD-ready TV
- Noise Reduction
- Advanced 3D de-interlacing
- Edge Enhancement

Note:

- The supporting devices mentioned in this manual may vary on different models. For more information, please refer to the manufacturer's user manual or the Quick Start Guide of your TV model.

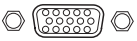
1.4 Control Panel

Description	Button	Function
Power	⏻	Press to turn the TV on or off.
Input source	**INPUT**	Press to select the proper input source.
Menu	**MENU**	Press to open the OSD menu.
Program select	**P▲**	Press to increase the program number or move upward to the previous item on the OSD menu.
Program select	**P▼**	Press to decrease the program number or move downward to the next item on the OSD menu.
Volume adjust	**VOL +**	Press to increase the volume or move to the right on the OSD menu.
Volume adjust	**VOL -**	Press to decrease the volume or move to the left on the OSD menu.
Remote IR sensor		Receive incoming remote control commands.
Power/Standby indicator		Indicate power (green) or standby (red) status.
Speakers		Deliver high-quality sounds.

1.5 Input and Output Jacks

Description	Connector	Function
CI		Connect to a CI device.

Description	Connector	Function
Service		Service only. Not available for users.
S-Video Input		Connect to an external device, such as a VCR, STB, or a DVD player.
Composite Input (Video)		Connect to an external device, such as a VCR, STB, or a DVD player.
Composite Inputs (Audio)		Connect to an external device, such as a VCR, STB, or a DVD player.
Earphone Output		Connect to earphones or external speakers with a built-in amplifier.
HDMI 4 Input		Connect a HDMI equipment or a HDMI-DVI adapter cable to devices such as a DVD player or set-top box.
Cable/Antenna		Connect to an antenna or cable TV.
Component Inputs (Video)		Connect to an external device, such as a VCR, STB, or a DVD player.
Component Inputs (Audio)		Connect to an external device, such as a VCR, STB, or a DVD player.
SCART 1 IN/OUT		Connect to an external device, such as a VCR, STB, or a DVD player with AV, S-Video, RGB, L/R IN, Analog TV Out, and L/R Out.

Description	Connector	Function
SCART 2 IN		Connect to an external device, such as a VCR, STB, or a DVD player with AV, S-Video, L/R IN.
VGA (PC) Input		Connect to a PC's VGA port.
PC Audio Input		Connect to a PC's line/audio port.
HDMI 1 Input		Connect a HDMI equipment or a HDMI-DVI adapter cable to devices such as a DVD player or set-top box.
HDMI 2 Input		Connect a HDMI equipment or a HDMI-DVI adapter cable to devices such as a DVD player or set-top box.
HDMI 3 Input		Connect a HDMI equipment or a HDMI-DVI adapter cable to devices such as a DVD player or set-top box.
Power Connector		Connect to the included power cord.

1.6 Remote Control

Description	Icon	Function
Power		Press to turn the TV on or off.
Input Signal Type	**INPUT**	Press to select the input signal types: TV, SCART1, SCART2, Composite, S-Video, Component, HDMI 1, HDMI 2, HDMI 3, HDMI 4, and Computer.

Description	Icon	Function
Keypad	1 2 3 4 5 6 7 8 9 0	Use to select a program directly. Press **0**-**9** to enter the program numbers (press **1** and **0** for program **10**).
Pro.List	**Pro.LIST**	Press to display the program list.
Last	**LAST**	Press to return to the last channel selected.
Information	**INFO**	1. Press to display current channel/program information. 2. During DTV menu selection, press to display help information about Channel Organizer, Channel Sorting, Channel Grouping, Time and Parental Rating.
Menu	**MENU**	Press to turn the on-screen display (OSD) menu on/off.
OK	**OK**	Press to confirm a selection.
Arrows	^ v < >	Press up, down, left or right to scroll through the on-screen display menus.
Electronic Program Guide	**EPG**	Press to display detailed programming information for channels (only for DTV).
Teletext mode	**TEXT**	Press to activate the teletext mode.
Volume adjustment	**VOL+ / VOL–**	Press VOL + to increase audio volume. Press VOL - to decrease audio volume.
Mute	**MUTE**	Press to eliminate the sound. Press it again or press the volume adjustment buttons to restore the sound.

Description	Icon	Function
Dual sound	I-II	Press to change the multi sound selection of the TV channel.
Select program	P▲/P▼	Press P▲ to increase the program number. Press P▼ to decrease the program number.
Red, Green, Yellow, Blue		Press the colored buttons to perform specific tasks in the OSD menu or teletext mode.
Index	INDEX	Press to display a table of the available teletext subjects (programmable in the teletext mode only).
Mix	MIX	Press to display the teletext over the program on the screen (programmable in the teletext mode only).
Adjust size	SIZE	Press to adjust the screen size (programmable in the teletext mode only).
Subtitle	SUBTITLE	With an ATV source, if the teletext mode is activated and the teletext has a subtitle page, press to display the page. With a DTV source, press to display the subtitle OSD, and select the language.
Hold	HOLD	Press to inactivate automatic page change which only occurs when more than one teletext page exists. (Programmable in the teletext mode only)
Reveal	REVEAL	Press to display the hidden information, such as solutions to puzzles. (Programmable in the teletext mode only)
Sound Mode	SOUND	Press continuously to toggle through all the sound settings: Dynamic, Standard, Soft, or User.

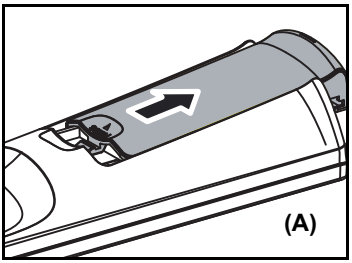
Description	Icon	Function
Picture Mode	PIC	Press continuously to toggle through all the picture settings: Vivid, Standard, Movie, or User.
Favorite channel	FAV.	Press to open favorite list menu and press ∧ / ∨ to select channels. Press **OK** to go to the selected channel.
Freeze	FREEZE	Press to pause a video frame on-screen.
Sleep timer	SLEEP	Press repeatedly to set the sleep timer (**15**, **30**, **45**, **60**, **90** or **120** minutes). Cancel the timer by selecting the Sleep **Off** option.
Aspect ratio	ASPECT	Press to adjust the width-to-height ratio of the image with aspect ratio: **AUTO**, **Full**, **4:3**, **Zoom**, or **Subtitle**.

Note:

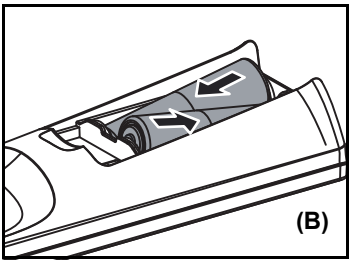
- For best results, use the remote control within a proper distance from the front of the TV. Do not exceed an angle of 30 degrees when pointing at TV.
- The operational distance may be shortened when the signal sensor is directly exposed to strong light.
- Aim the transmitter on the remote control at the signal sensor and ensure that there are no obstacles between them.

1.7 Inserting the Remote Control Batteries

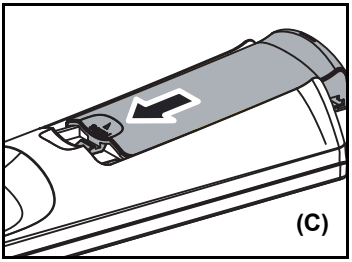
1 Open the battery compartment cover at the back of the remote control (A).



2 Insert the batteries paying attention to the polarity markings inside the battery compartment (B).



3 Replace the battery compartment cover (C).



CAUTION

- If the remote control is not used for a long period, remove the batteries and store them properly.
- Handle damaged or leaking batteries carefully, and wash hands with soap if they come in contact with leaked chemical fluids.
- If your remote control has two batteries, do not mix new and old batteries, or the life of the new batteries will be shortened. Chemical fluids may leak from the old batteries.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the equipment manufacturer. Discard used batteries according to manufacturer's instructions.
- Refer to your local recycling or waste disposal rules and contact a local waste disposal vendor to dispose of used batteries.
- The remote control cover may have a magnet in it, so do not place magnetic sensitive items such as watches, credit cards, or flash media close to the cover.
- Do not use force when pulling the remote control cover open; you may damage the hinge.

2 Setting up your TV

2.1 Basic Connections

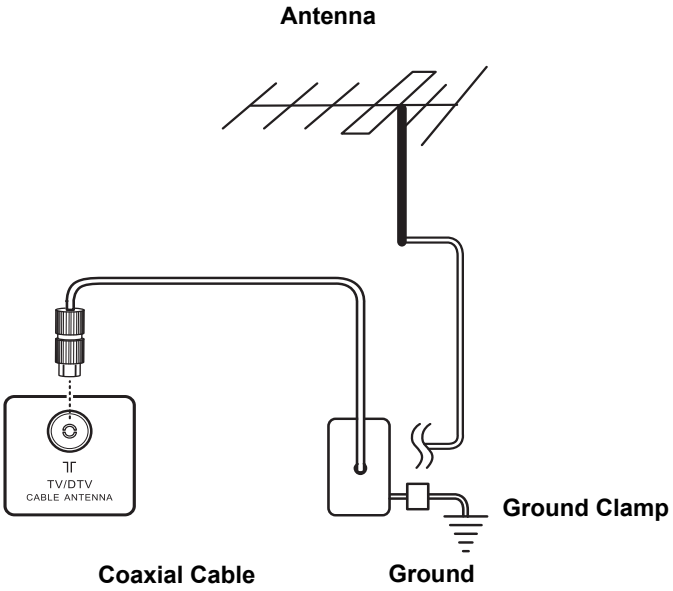
2.1.1 Power Connection

1 Connect the power cord to the AC IN input jack on the rear of the TV.

2 Insert the plug at the other end of the power cord into a power outlet.

2.1.2 Connecting an Antenna or Cable TV

Connect one end of the VHF/UHF (Antenna) or CATV cable to TV/DTV jack on the rear of the TV.

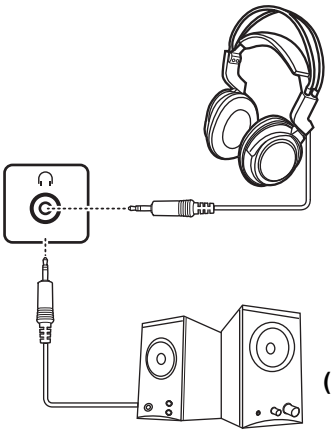


Note:
- Images are for illustration only and may vary by model or region.
- If you cannot receive channels after connecting to an antenna or cable TV line, try scanning for channels.

2.2 Connecting External Devices

Connect external devices such as VCRs, STBs, DVD players, video game consoles, earphones, or a PC to the TV using the appropriate ports on the rear of the TV.

2.2.1 Connecting External Earphones



Headphones

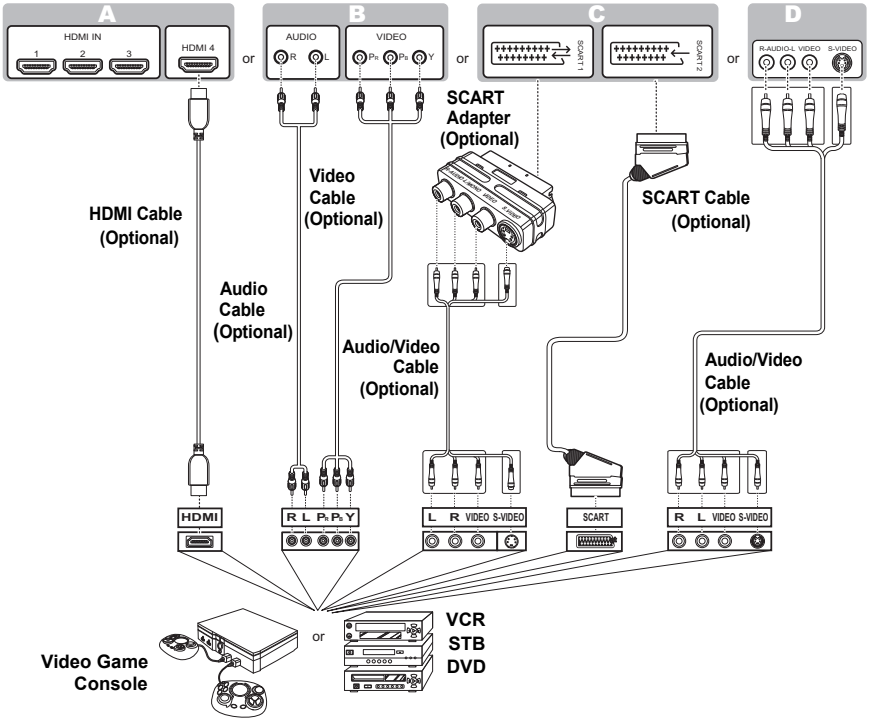
Speakers (Built-in Amplifiers)

Note:

- External speakers or headphones are not included with the TV.
- The internal TV speakers will not output sound when headphones are plugged in.
- Use external speakers with built-in amplifiers only.
- Only one external device for sound can be connected at a time.

2.2.2 Connecting to AV Devices

The following diagram illustrates how to connect the AV devices to your TV via HDMI (A), YPbPr/AUDIO (B), SCART (C), AV/SV (D) ports.

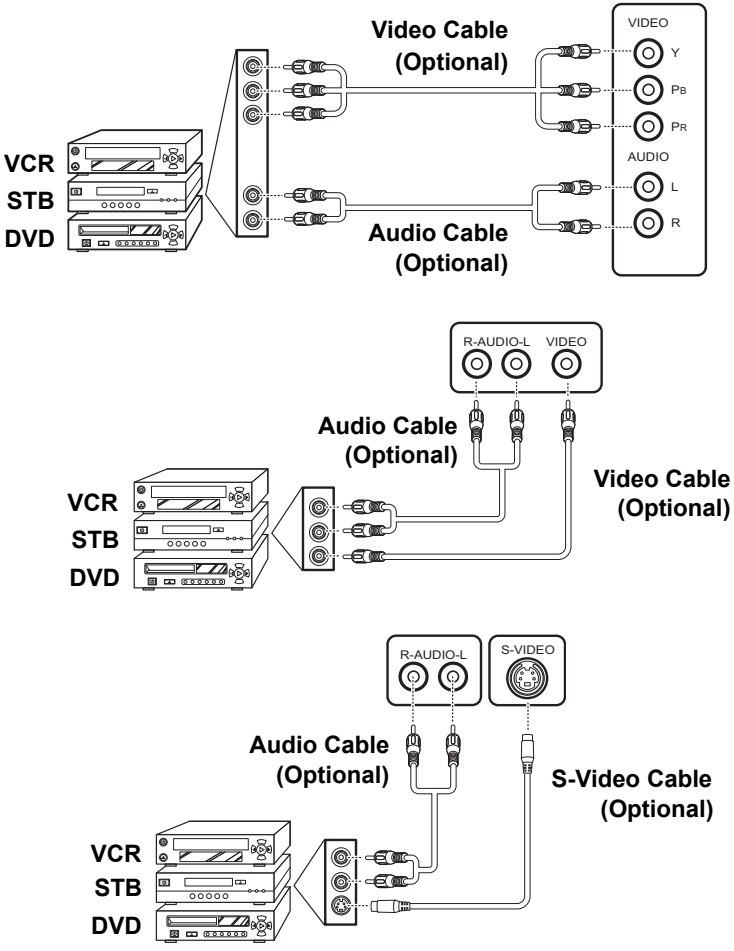


Note:

- Please connect the audio ports shown in YPbPr/AUDIO (B) to audio ports of Component/YPbPr group in your AV device. AV/SV (D) ports should connect AV/SV ones. Only a set of the audio ports can be selected when connecting AV devices.
- The Video and S-Video ports in group (D) share the same R/L Audio ports in the same group.

2.2.3 Connecting a VCR/ STB/ DVD Player Using Component Video/Audio, Composite Video/Audio, or S-Video/Audio

Connect the TV to a VCR/ STB/ DVD player using three different types of video/audio inputs.

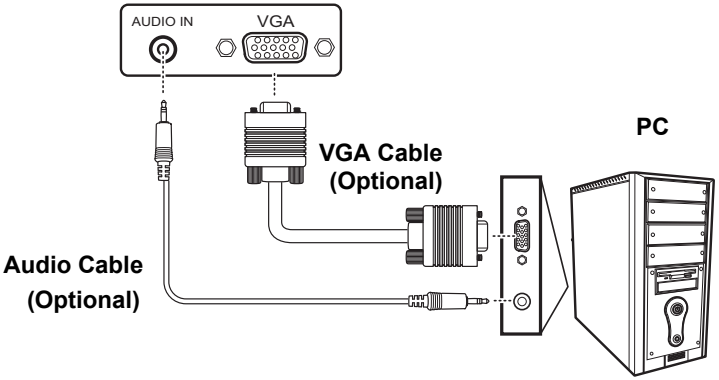


2.2.4 Connecting a PC using VGA

Connect the TV to your PC to use it as the monitor using the VGA port as shown.

1 Connect the VGA port of the TV to the VGA output of the PC.

2 Connect the line out port of the PC to the PC Audio In port of your TV to listen to audio from the PC.

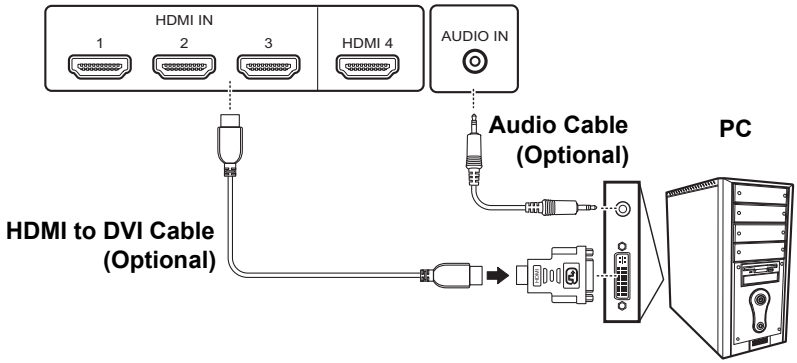


2.2.5 Connecting a PC using DVI

Connect the TV to your PC to use it as the monitor using the DVI port as shown.

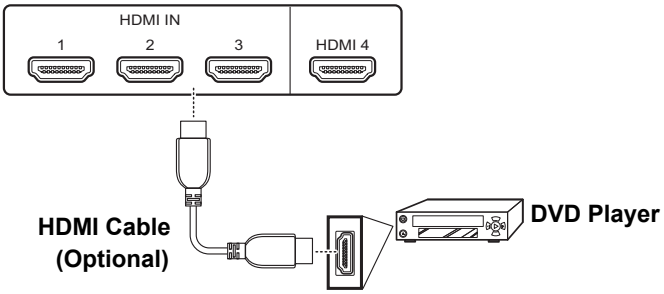
1 Connect the HDMI port of the TV to the DVI output of the PC.

2 Connect the line out port of the PC to the PC Audio In port of your TV to listen to audio from the PC.



2.2.6 Connecting HDMI

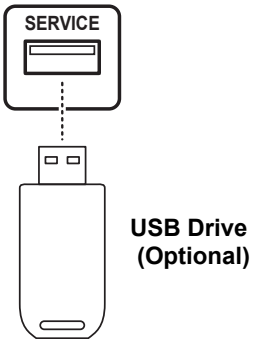
HDMI (High Definition Multimedia Interface) assures that the best video signal is always sent from source to the TV. Refer to the following illustration to connect a HDMI device to the TV.



Note:
When the HDMI cable is connected, connecting the audio cable is not necessary. However, it is necessary to do so if a HDMI to DVI cable is connected.

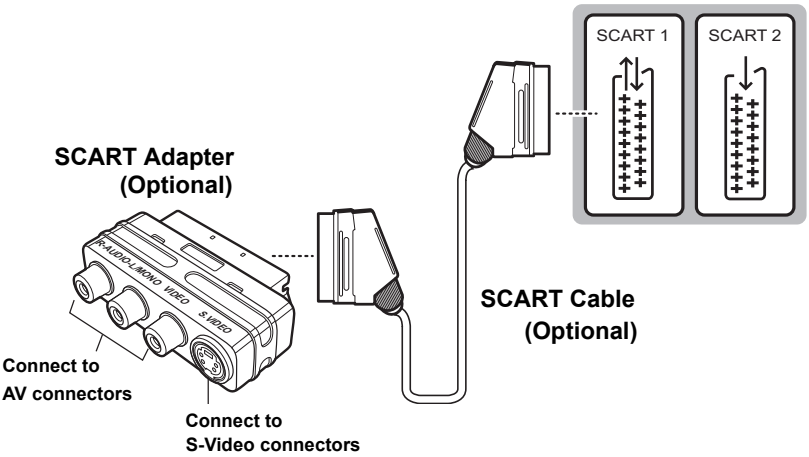
2.2.7 Connecting USB

Service port, for DTV F/W update only.



2.2.8 Connecting a VCR/ STB/ DVD Player using SCART

Use the SCART ports to connect a TV, VCR, VCD, DVD player or video game console. You can choose to use a SCART cable or adapter for the connection depending on the ports available on your player.



Note:

- The S-Video connector and AV connectors cannot be connected at the same time, or the wrong signals might be generated.
- The cables are color-coded (black, red, white, and yellow). Connect each color-coded cable to the appropriate connector on your device.

2.3 Using the TV

2.3.1 Turning the TV On and Off

1 Press ⏻ on the control panel or remote control. The power LED indicator on the TV changes from red to green, indicating that the TV is on.

2 Press ⏻ again. The power LED changes from green to red, indicating that the TV is off.

2.3.2 Switching Source Signals

Press **INPUT** on the control panel or remote control to select the incoming source signal.

2.3.3 Performing an Automatic Channel Search

Before using the TV to view programs, you need to activate the channel search first.

1 Press **MENU** on the control panel or remote control, then select to enter the Channel menu.

2 Select Auto Scan.

3 Press ❯ on the remote control to select Start and press **OK** to run the channel search.

2.3.4 Selecting Channels

- Press **P▲** on the remote control or control panel to increase the channel number.
- Press **P▼** on the remote control or control panel to decrease the channel number.
- Enter the specific channel number by pressing the number buttons on the remote control.

2.3.5 Adjusting the Volume

1 Press **VOL+** on the control panel or remote control to increase the volume.

2 Press **VOL-** on the control panel or remote control to decrease the volume.

3 Press **MUTE** to eliminate sounds, and press **MUTE** again or press the volume buttons to restore the default volume.

2.3.6 Editing the Favorite List

1 Press **MENU** on the control panel or remote control, then select to enter the Channel menu.

2 Select **Favorite Lists** and press **OK** to open the Favorite List.

3 Select the desired channel and press **OK** to check or uncheck the channel.

4 Press **MENU** to exit.

2.3.7 Editing the Channel List

1 Press **MENU** on the control panel or remote control, then select to enter the Channel menu.

2 Select **Channel Edit** and press **OK** to enter the submenu.

3 Select **Name**, **Skip**, or **Reorder** and press **OK** to confirm.

- To edit the channel name, select the desired channel and press **OK** to start editing the name.
- To edit the skip list, select the desired channel and press **OK** to check or uncheck the channel.
- To reorder the channel list, select the desired first channel and the second channel, and press **OK** to confirm.

4 Press **MENU** to exit.

3 Adjusting On-Screen Display (OSD) Settings

The On-Screen Display (OSD) menu system provides a quick and simple method to adjust the TV settings. The OSD menu can be accessed through the buttons either on the control panel or the remote control.

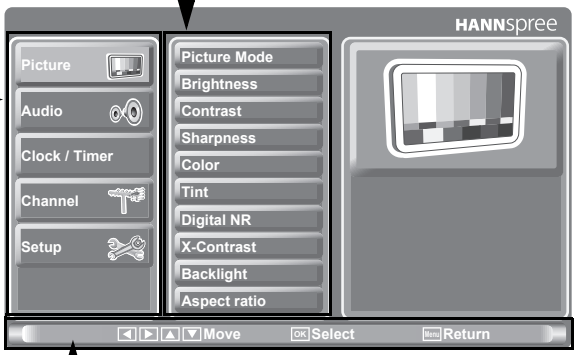
Before going to details of each OSD item, you may get acquainted with the placement of the OSD system:

ADJUSTABLE ITEMS:

Displays the settings/values of the adjustable options.

MAIN MENU:

Displays a list of menu items. The chosen item is marked by a different color.



INSTRUCTIONS:

Quick instructions for adjusting the settings.

Function	TV Control Panel	Remote Control
OSD Menu	MENU	MENU
Up	P▲	Arrow ^
Down	P▼	Arrow v
Increase	VOL +	Arrow >
Decrease	VOL -	Arrow <
Select	INPUT / VOL+	OK
Return	MENU / VOL-	MENU

3.1 OSD Setting Menus

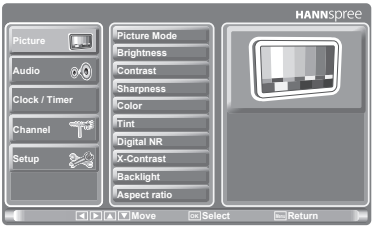
Follow the instructions indicated on the bottom of the OSD Function Menu. Press P▲ / P▼ on the control panel or ∧ / ∨ on the remote control to scroll through the menus. press **INPUT** / **VOL+** on the control panel or **OK** on the remote control to select an item and then press **MENU/ VOL-** to exit the OSD menu. The following menus can be set by different adjustment methods.

3.2 Adjusting Picture Settings

1 Press **MENU** to enter the OSD Main Menu screen.

2 Press ∧ / ∨ on the remote control or **P▲** / **P▼** on the control panel to select Picture menu.

3 Press >/ **OK** on the remote control or **INPUT** / **VOL+** on the control panel to enter the Picture menu.



4 Press ∧ / ∨ on the remote control or **P▲** / **P▼** on the control panel to select an item.

5 Press >/ **OK** on the remote control or **INPUT** / **VOL+** on the control panel to enter the item.

6 Press < / > on the remote control or **VOL+** / **VOL-** on the control panel, to change the scales or press **OK** on the remote control or **INPUT** / **VOL+** on the control panel to mark an item.

7 Press **MENU** to exit.

8 The Picture menu can be used to adjust the **Picture Mode**, **Brightness**, **Contrast**, **Sharpness**, **Color**, **Tint**, **Digital NR**, **X-Contrast**, **Backlight**, **Aspect Ratio**, **Color Temp**, and **Recall** settings. **Brightness**, **Contrast**, **Sharpness**, **Color**, and **Tint** are only available for adjustments if you select **User** in Picture Mode. Press < / > on the remote control or **VOL+** / **VOL-** on the control panel to adjust these settings.

- The Picture Mode can be set to **Vivid**, **Standard**, **Movie**, or **User**.
- The Digital NR can be set to **Off**, **Weak**, **Medium**, or **Strong**.
- The X-Contrast can be set to **Off** or **On**.
- The Backlight can be adjusted by pressing < / > to move the scales from 0 to 14.
- The Aspect Ratio can be set to **Auto**, **Full**, **4:3**, **Zoom**, or **Subtitle**.
- The Color Temp can be set to **Warm**, **Standard**, or **Cool**.
- The Recall can be used to reset the submenu's original factory settings.

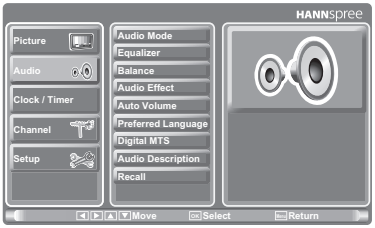
Note:
The items available on the OSD may vary depending on the input signal source.

3.3 Adjusting Audio Settings

1 Press **MENU** to enter the OSD Main Menu screen.

2 Press ∧ / ∨ on the remote control or **P▲** / **P▼** on the control panel to select Audio menu.

3 Press > / **OK** on the remote control or **INPUT** / **VOL+** on the control panel to enter the Audio menu.



4 Press ∧ / ∨ on the remote control or **P▲** / **P▼** on the control panel to select an item.

5 Press > / **OK** on the remote control or **INPUT** / **VOL+** on the control panel to enter the item.

6 Press < / > on the remote control or **VOL+** / **VOL-** on the control panel to change the scales or press **OK** on the remote control or **INPUT** / **VOL+** on the control panel to mark an item.

7 Press **MENU** to exit.

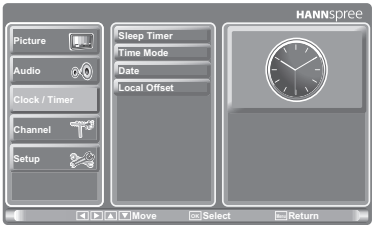
8 The Audio menu can be used to adjust the **Audio Mode**, **Equalizer**, **Balance**, **Audio Effect**, **Auto Volume** (ATV only), **Preferred Language** (DTV only), **Digital MTS** (DTV only), **Audio Description** (DTV only), and **Recall** settings. **Equalizer** is available for adjustment only if you select **User** in Audio Mode.

- The Audio Mode can be set to **Dynamic**, **Standard**, **Soft**, or **User**.
- Press < / > on the remote control or **VOL+** / **VOL-** on the control panel to adjust the scales in Equalizer and Balance.
- The Audio Effect can be set to **Off** or **On**.
- The Auto Volume can be set to **Off** or **On**.
- The Preferred Language can be set to **English**, **German**, **French**, **Italian**, **Spanish**, **Dutch**, **Hungarian**, **Portugese**, or **Polish**.
- The Digital MTS can be set to **Auto**, **Stereo**, **Dual 1**, or **Dual 2**.
- The Audio Description can be set to **Mode** or **Volume**.
- The Recall can be used to reset the original factory settings.

Note:

The items available on the OSD may vary depending on the input signal source.

3.4 Adjusting Clock and Timer Settings



1 Press **MENU** to enter the OSD Main Menu screen.

2 Press ∧ / ∨ on the remote control or **P▲** / **P▼** on the control panel to select Clock and Timer menu.

3 Press > / **OK** on the remote control or **INPUT** / **VOL+** on the control panel to enter the Clock and Timer menu.

4 Press ∧ / ∨ on the remote control or **P▲** / **P▼** on the control panel to select an item.

5 Press > / **OK** on the remote control or **INPUT** / **VOL+** on the control panel to enter the item.

6 Press < / > on the remote control or **VOL+** / **VOL-** on the control panel to change the values or press **OK** on the remote control or **INPUT** / **VOL+** on the control panel to mark an item.

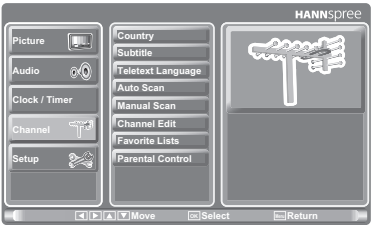
7 Press **MENU** to exit.

8 The Clock and Timer menu can be used to adjust the **Sleep Timer**, **Time Mode**, **Date**, and **Local Offset** settings. **Date** and **Local Offset** are available for adjustments only if you select **Manual** in Time Mode.

- The Sleep Timer can be set to **Off**, **15 mins**, **30 mins**, **45 mins**, **60 mins**, **90 mins**, or **120 mins**.
- The Time Mode can be set to **Auto** or **Manual**.
- Press < / > on the remote control or **VOL+** / **VOL-** on the control panel to adjust the values in Date.
- The Local Offset can be set to **Current Time**, **CT +1h**, **CT +2h**, **CT +3h**, **CT -1h**, **CT -2h**, or **CT -3h**.

Note:
The items available on the OSD may vary depending on the input signal source.

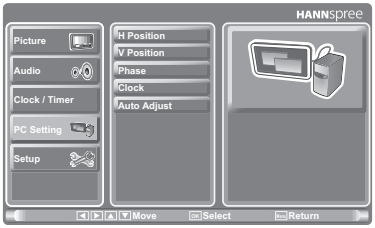
3.5 Adjusting Channel Settings



1. Press **MENU** to enter the OSD Main Menu screen.
2. Press ∧ / ∨ on the remote control or **P▲** / **P▼** on the control panel to select Channel menu.
3. Press > / **OK** on the remote control or **INPUT** / **VOL+** on the control panel to enter the Channel menu.
4. Press ∧ / ∨ on the remote control or **P▲** / **P▼** on the control panel to select an item.
5. Press > / **OK** on the remote control or **INPUT** / **VOL+** on the control panel to enter the item.
6. Press < / > on the remote control or **VOL+** / **VOL-** on the control panel to change the values or press **OK** on the remote control or **INPUT** / **VOL+** on the control panel to mark an item.
7. Press **MENU** to exit.
8. The Channel menu can be used to adjust or perform the **Country**, **Subtitle**, **Teletext Language**, **Auto Scan**, **Manual Scan**, **Channel Edit**, **Favorite Lists**, and **Parental Control** settings or functions (see “Performing an Automatic Channel Search” on page 25, “Editing the Favorite List” on page 26, and “Editing the Channel List” on page 26).
   - The Country can be set to **UK**, **Germany**, **France**, **Italy**, **Spain**, **Netherlands**, **Hungary**, **Portugal**, **Poland**, or **Other**.
   - The Subtitle can be used to adjust **Preferred Language**, **Mode**, and **Hearing Impaired**.
   - The Teletext Language can be used to select the desired teletext language.
   - The Manual Scan can be used to perform **Digital Scan**, **Analog Scan**, and **Fine tune**.
   - The Parental Control can be used to adjust the **Enter Password**, **Enable**, **Channel Locks**, **Parental Rating**, **Front Panel Lock**, and **Password** settings. The default password is 0000.

Note:
The Channel settings are available when the signal is set to TV source.

3.6 Adjusting PC Setting Options



1 Press **MENU** to enter the OSD Main Menu screen.

2 Press ∧ / ∨ on the remote control or **P▲** / **P▼** on the control panel to select PC Setting menu.

3 Press > / **OK** on the remote control or **INPUT** / **VOL+** on the control panel to enter the PC Setting menu.

4 Press ∧ / ∨ on the remote control or **P▲** / **P▼** on the control panel to select an item.

5 Press > / **OK** on the remote control or **INPUT** / **VOL+** on the control panel to enter the item.

6 Press < / > on the remote control or **VOL+** / **VOL-** on the control panel to change the scales or press **OK** on the remote control or **INPUT** / **VOL+** on the control panel to perform an item.

7 Press **MENU** to exit the PC Setting menu.

8 The PC Setting menu can be used to adjust or perform the **H Position**, **V Position**, **Phase**, **Clock**, and **Auto Adjust** settings or function.

9 Press < / > on the remote control or **VOL+** / **VOL-** on the control panel to change the scales in H Position, V Position, Phase, and Clock.

10 The Auto Adjust can be used to adjust settings automatically.

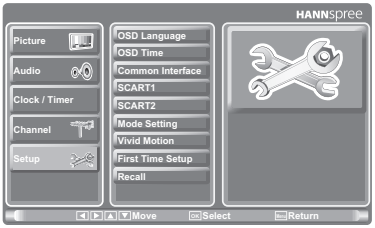
Note:
The PC Setting menu is available only when the input source is set to Computer.

3.7 Adjusting Setup Settings

1 Press MENU to enter the OSD Main Menu screen.

2 Press ∧ / ∨ on the remote control or **P▲** / **P▼** on the control panel to select Setup menu.

3 Press > / **OK** on the remote control or **INPUT** / **VOL+** on the control panel to enter the Setup menu.



4 Press ∧ / ∨ on the remote control or **P▲** / **P▼** on the control panel to select an item.

5 Press > / **OK** on the remote control or **INPUT** / **VOL+** on the control panel to enter the item.

6 Press **OK** on the remote control or **INPUT** / **VOL+** on the control panel to mark an item or perform a function.

7 Press **MENU** to exit.

8 The Setup menu can be used to adjust the **OSD Language**, **OSD Time**, **Common Interface**, **SCART1**, **SCART2**, **Mode Setting**, **Vivid Mode**, **First Time Setup**, and **Recall** settings. The Common Interface is only available when the CI device is connected. If you want to exit from CI Main menu, please press **Red key** on your remote control. The SCART1 and SCART2 are only available for adjustments when the input source is set to **SCART1** or **SCART2**.

- The available OSD languages are: **English**, **Deutsch**, **Français**, **Italiano**, **Español**, **Nederlands**, **Magyar**, **Português**, and **Polski**.
- The OSD Time Out can be set to **10 seconds**, **20 seconds**, **30 seconds**, and **60 seconds**.
- The Common Interface can be used to access the connected CI device.
- The SCART1 can be set to **Auto**, **RGB**, **CVBS**, or **S-Video**.
- The SCART2 can be set to **Auto**, **CVBS**, or **S-Video**.
- The Mode Setting can be set to **Home Mode** or **Store Mode**.
- The Vivid Mode can be set to **Off**, **Low**, **Medium**, or **High**.
- The First Time Setup can be used to adjust the **OSD Language**, **Mode Setting**, and **Country** settings.
- The Recall can be used to restore the Setup settings to the factory defaults.

Note:
The items available on the OSD may vary depending on the input signal source.

4 Troubleshooting

Situation	Solution
No picture and sound.	• Connect the power cord properly. • Check if the power LED is on or not. • Press ⏻ on the control panel or remote control. • Press Input to cycle through connected video sources. • Press **P▲** or **P▼** to switch to other TV programs. • Make sure all cables are connected properly.
No picture, or poor picture, sound is OK.	• Check the antenna and cable connections. • Adjust the **Brightness** in the **Picture** OSD menu.
Picture is not in color.	• Adjust the **Color** option in the **Picture** OSD menu.
Picture is OK, no sound.	• Make sure the source device is functioning properly. • Make sure the audio cable is connected securely. • Turn the mute off. • Press **VOL +** on the control panel or remote control.
One of the speakers has no sound.	• Adjust the **Balance** in the **Audio** OSD menu.
Cannot receive some TV channels using cable TV.	• Try the **Auto SCAN** function in the **Channel** OSD menu.
Want to reset TV settings.	• Use the **Recall** function in the **Setup** OSD menu.
Cannot operate menus.	• If OSD items are colored in gray, the system is in a state such that those settings are not available.
Screen image turns over.	• Make sure the video signal cable is connected properly.
Snow appears on the screen.	• Adjust the location of the antenna, placing it far from roads or sources of interference. • Check the antenna and the video signal line connections.
Blurred or overlapped images.	• Adjust the **Sharpness** setting. • Choose programs with high quality signals. • Adjust the direction of the antenna or replace the video signal cable.
Remote control doesn't work.	• Make sure the battery is inserted correctly. • Replace the battery with a new one. • Make sure the TV power cord is plugged in. • Make sure the path between the remote control and the sensor is clear. • Try operating the remote control at a closer distance to the TV.

5 Support Timing

PC Mode Support Timing

Mode	Resolution (active dot)	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Nominal Pixel Clock (MHz)	PC (VGA)	DVI to HDMI
VGA	640x480@60Hz	31.469	59.941	25.175	V	V
SVGA	800x600@60Hz	37.879	60.317	40	V	V
XGA	1024x768@60Hz	48.363	60.004	65	V	V
VESA	1280x720@60Hz	44.955	59.94	74.25	V	V
VESA	1280x960@60Hz	60	60	108	V	V
SXGA	1280x1024@60Hz	63.981	60.02	108	V	V
WXGA+	1440x900@60Hz	55.935	59.887	106.5	V	V
VESA	1920x1080@60Hz	67.500	60.00	148.5	V	V

Video Mode Support Timing

Resolution(active dot)	HDMI	HDTV (Component)
640x480p@60Hz	V	
720x480i@60Hz	V	V
720x480p@60Hz	V	V
720x576i@50Hz	V	V
720x576p@50Hz	V	V
1280x720p@60Hz	V	V
1280x720p@50Hz	V	V
1920x1080i@50Hz	V	V
1920x1080i@60Hz	V	V
1920x1080P@24HZ	V	V
1920x1080P@25HZ	V	V
1920x1080P@30HZ	V	V
1920x1080P@50Hz	V	V
1920x1080P@60Hz	V	V

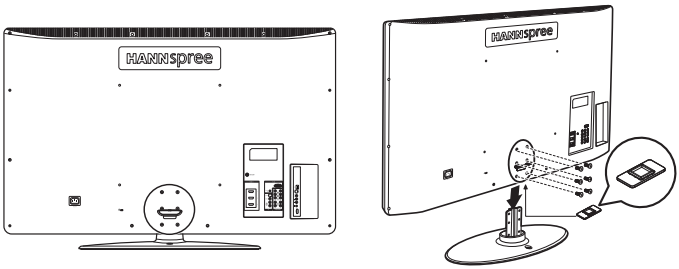
6 Specifications

Screen Size	**106,7 cm / 42.02″**
LCD Panel	1920x1080
Input Function	RF In x 1
	SCART x 2
	AV x 1
	Component Video RCA In x 1
	Component Audio In x 1
	HDMI x 4
	VGA x 1
	VGA Audio In x 1
	CI x 1 (supports 5V)
	S-Video x 1
Output Function	Earphone Out
	Speaker 10W+10W
	SCART Out
Feature	Full HD
	HD Ready
	3D Combo Filter
	3D De Interlacer
	Noise Reduction
	3:2/2:2 Pull down
	X-Contrast (10000:1)
	24p input

7 Setting the TV on the Wall

Dissembling the stand base:

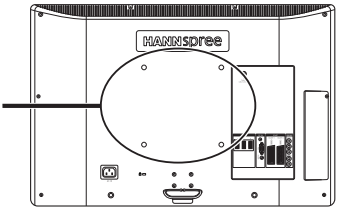
1 Disconnect all the cables and cords from the TV to prevent breakage.
2 Carefully place the TV face down on a soft and flat surface (blanket, foam, cloth, etc) to prevent any damage to the TV.
3 Remove the six (6) screws so that the stand base can be removed.
4 Gently remove the stand base.
5 Please add rubber cover when this TV is mounted on the wall.



(For reference only)

Wall mounting the TV:

1 Purchase a VESA compatible wall bracket: VESA 200 X 200, 4 holes, M5, 15mm, 20 kg.
2 Locate your ideal TV position on the wall.
3 Fix the wall bracket firmly on the wall.
4 Secure the TV to the bracket using the 4 mount holes on the back and center of the TV.



Note:

- Please read the instructions of your specific wall bracket to properly wall mount the TV.
- The pitch of the mounting holes is 200mm horizontally and 200mm vertically.
- The screws type required is metric: M5, 15 mm length.
- The 42″ TV stand base can be screwed on a table or a hard surface using the hole on the back of the stand base.

**Installing the LCD TV requires special skill that should only be performed by qualified service personnel. Customers should not attempt to do the work themselves. Hannspree bears no responsibility for improper mounting or mounting that results in accident or injury. You can ask a qualified service personnel about using an optional bracket to mount the TV to the wall.*

8 Using the Cable Organizer

Route the cables through the cable clamp as shown: